

Terms used

[eliciting medical codes information clinician criteria augment analysis input](#)

Found **57,661** of **164,603**

Sort results by relevance 

 [Save results to a Binder](#)

Try an [Advanced Search](#)

Display results expanded form 

 [Search Tips](#)

Try this search in [The ACM Guide](#)

[Open results in a new window](#)

Results 1 - 20 of 200

Result page: **1** [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale 

1 Special issue on knowledge representation 

Ronald J. Brachman, Brian C. Smith

February 1980 **ACM SIGART Bulletin**, Issue 70

Full text available:  [pdf\(13.13 MB\)](#) Additional Information: [full citation](#), [abstract](#)

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge representation research. We felt that there were two useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and techniques are currently being developed. Second ...

2 Special section: Reasoning about structure, behavior and function 

B. Chandrasekaran, Rob Milne

July 1985 **ACM SIGART Bulletin**, Issue 93

Full text available:  [pdf\(5.13 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

The last several years' of work in the area of knowledge-based systems has resulted in a deeper understanding of the potentials of the current generation of ideas, but more importantly, also about their limitations and the need for research both in a broader framework as well as in new directions. The following ideas seem to us to be worthy of note in this connection.

3 Terminal selection for an on-line hospital system 

Walter L. Bennett

August 1969 **Proceedings of the 1969 24th national conference**

Full text available:  [pdf\(580.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

It will be seen that a system, so conceived, must accept, analyze, sort, and distribute a wide range of information in time to be effective. In the process, it will be called upon to serve a large number of users with varying skills, training, and interests. Their acceptance or rejection will enhance or negate the value of the system. In addition to the human factor, other criteria must also be considered—reliability, security, ease of maintenance, noise, cost, and technical compatibility ...

4 Computing curricula 2001 

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available:  [pdf\(613.63 KB\)](#)  [html\(2.78 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

5

Special issue: AI in engineering 

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

6 Special section: Special issue on AI and Database research

Jonathan J. King

October 1983 **ACM SIGART Bulletin**, Issue 86

This collection of research summaries spans a very wide range of interests under the general heading of AI and Database research. In this introduction, I briefly describe the leading areas of interest that emerge from the reports submitted for this issue.

7 PERSIVAL, a system for personalized search and summarization over multimedia healthcare information

Kathleen R. McKeown, Shih-Fu Chang, James Cimino, Steven Feiner, Carol Friedman, Luis Gravano, Vasileios Hatzivassiloglou, Steven Johnson, Desmond A. Jordan, Judith L. Klavans, André Kushniruk, Vimla Patel, Simone Teufel

January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**

In healthcare settings, patients need access to online information that can help them understand their medical situation. Physicians need information that is clinically relevant to an individual patient. In this paper, we present our progress on developing a system, PERSIVAL, that is designed to provide personalized access to a distributed patient care digital library. Using the secure, online patient records at New York Presbyterian Hospital as a user model, PERSIVAL's components tailor s ...

Keywords: medical digital library, multimedia, natural language, personalization, query interface, search, summarization

8 Reasoning about inconsistencies in natural language requirements

Vincenzo Gervasi, Didar Zowghi

July 2005 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 14 Issue 3

The use of logic in identifying and analyzing inconsistency in requirements from multiple stakeholders has been found to be effective in a number of studies. Nonmonotonic logic is a theoretically well-founded formalism that is especially suited for supporting the evolution of requirements. However, direct use of logic for expressing requirements and discussing them with stakeholders poses serious usability problems, since in most cases stakeholders cannot be expected to be fluent with formal log ...

Keywords: Requirements, default logic, inconsistency, natural language

9 SIGART special issue on machine learning

April 1981 **ACM SIGART Bulletin**, Issue 76

Current research on Machine Learning encompasses a diverse set of approaches, and of opinions regarding where the important issues lie. The significant increase of interest and research activity in Machine Learning over the past few years has led us to organize this special issue of SIGART, whose purpose is to provide a snapshot of current research in this field. This issue contains a set of summaries of ongoing research, solicited from the community at large, and received from thirty-five resea ...

10 A history of the Promis technology: an effective human interface



Jan Schultz

January 1986 **Proceedings of the ACM Conference on The history of personal workstations**

Full text available: [pdf\(2.61 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Scientific computing systems for individuals were pioneered early at Hewlett-Packard, beginning with the 9100A Desktop Calculator in 1968. Extensions of this first machine were soon seen in Personal Peripherals, such as Printers, Tape Cartridges, and Plotters, and followed by Graphic CRT Displays. By early 1972, the Desktop unit had been augmented by a very powerful Pocket Calculator, the ground-breaking HP 35A. This paper traces the evolution of these machines to the present day, ...

11 Cost/benefit based adaptive dialog: case study using empirical medical practice norms and intelligent split menus



Jim Warren

January 2001 **Australian Computer Science Communications , Proceedings of the 2nd Australasian conference on User interface AUIC '01**, Volume 23 Issue 5

Full text available: [pdf\(843.80 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)
 [Publisher Site](#)

The notion of an adaptive user interface, one that accommodates user needs based on knowledge of the task at hand, is compelling but difficult to make practical. This paper examines models of the utility (as balancing of cost and benefit) in the initiation of task-specific dialog based on conditional probability of user goals in context. Illustrations in this paper are based on an empirical model of General Practice (GP) medicine as derived from a large database of GP/patient encounters. Applica ...

12 Human interface design and the handicapped user



W. Buxton, R. Foulds, M. Rosen, L. Scadden, F. Shein

April 1986 **ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Human factors in computing systems**, Volume 17 Issue 4

Full text available: [pdf\(880.35 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

13 A glimpse of expert programmers' mental imagery



Marian Petre, Alan F. Blackwell

October 1997 **Papers presented at the seventh workshop on Empirical studies of programmers**

Full text available: [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

14 Fast detection of communication patterns in distributed executions



Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

15 Software engineering for safety: a roadmap



Robyn R. Lutz

May 2000 **Proceedings of the Conference on The Future of Software Engineering**

Full text available: [pdf\(1.21 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: future directions, software engineering, software safety

16 Session 6A: applications: An open agent architecture for assisting elder independence 

Karen Zita Haigh, John Phelps, Christopher W. Geib

July 2002 **Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 2**

Full text available:  pdf(189.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We are building an agent-oriented system to aid elderly people to live longer in their homes, increasing the duration of their independence from round-the-clock care while maintaining important social connectedness and reducing caregiver burden. The Independent LifeStyle Assistant\$^\text{mbox}\text{tiny TM}^\text{I.L.S.A.}\$ is a multiagent system that incorporates a unified sensing model, probabilistically derived situation awareness, hierarchical task network response planning, real-time action selection contro ...

17 Rapid ethnography: time deepening strategies for HCI field research 

David R. Millen

August 2000 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, and techniques**

Full text available:  pdf(340.30 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Field research methods are useful in the many aspects of Human-Computer Interaction research, including gathering user requirements, understanding and developing user models, and new product evaluation and iterative design. Due to increasingly short product realization cycles, there has been growing interest in more time efficient methods, including rapid prototyping methods and various usability inspection techniques. This paper will introduce "rapid ethnography," which is a collection o ...

Keywords: ethnography, field research methods, qualitative methods, user studies

18 Maintaining a focus on user requirements throughout the development of clinical workstation software 

Janette M. Coble, John Karat, Michael G. Kahn

March 1997 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available:  pdf(1.01 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: contextual inquiry, software development process, user requirements

19 ABSTRACTS OF INTEREST 

Susanne M. Humphrey, Ben Shneiderman

August 1989 **ACM SIGCHI Bulletin**, Volume 21 Issue 1

Full text available:  pdf(1.49 MB) Additional Information: [full citation](#), [abstract](#)

The following abstracts were selected from a computer search using the BRS Information Technologies retrieval services of the Dissertation Abstracts International (DAI) database produced by University Microfilms International. Unless otherwise specified, paper or microform copies of dissertations may be ordered, using the UM order number, from University Microfilms International, Dissertation Copies, Post Office Box 1764, Ann Arbor, MI 488106; telephone for U.S. (except Michigan, Hawaii, or Alask ...

20 Conference abstracts 

January 1977 **Proceedings of the 5th annual ACM computer science conference**

Full text available:  pdf(3.14 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

One problem in computer program testing arises when errors are found and corrected after

a portion of the tests have run properly. How can it be shown that a fix to one area of the code does not adversely affect the execution of another area? What is needed is a quantitative method for assuring that new program modifications do not introduce new errors into the code. This model considers the retest philosophy that every program instruction that could possibly be reached and tested from the ...

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)